Drawing 1 of 11
Inventors: Dmitriy Dashevskiy
Serial No.: New Application
Title: "Real-Time Drilling Optimization Based on NWD Dynamic...."
Atty Docket No.: 564-35308-US
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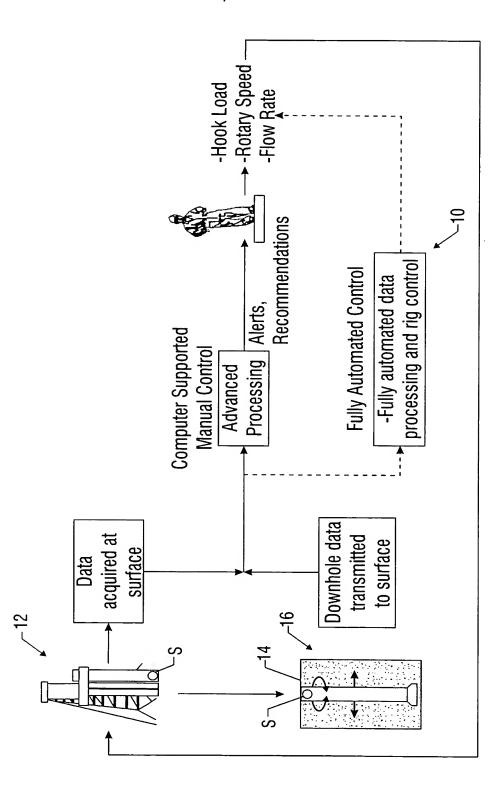


FIG. 1A

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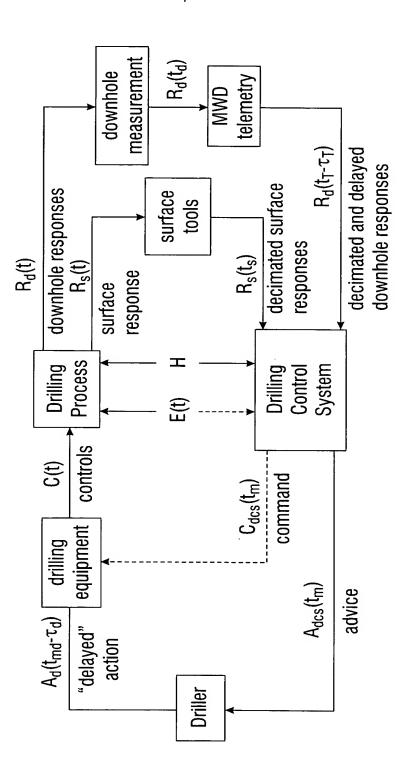
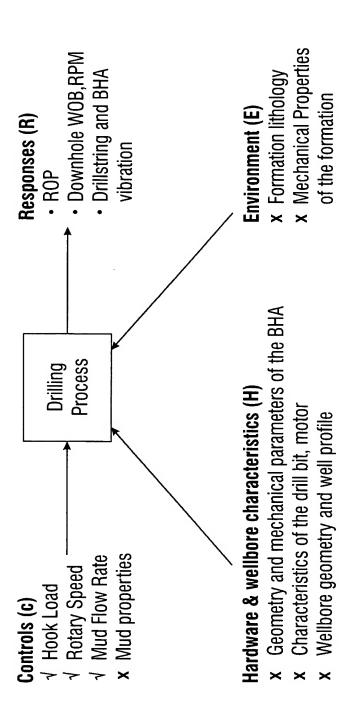


FIG. 1B

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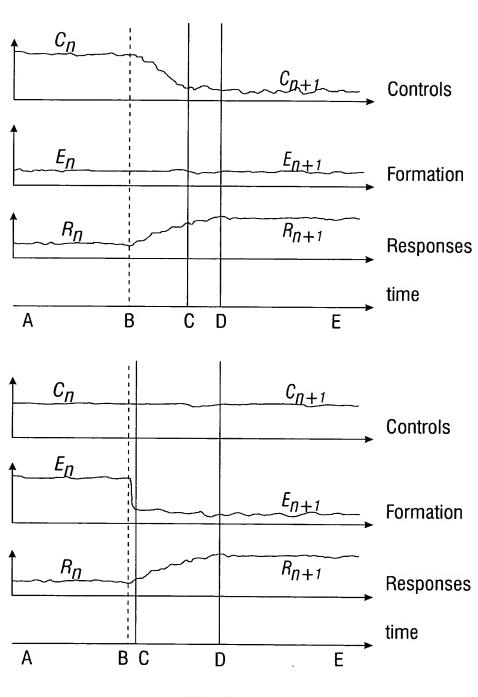


FIG. 2

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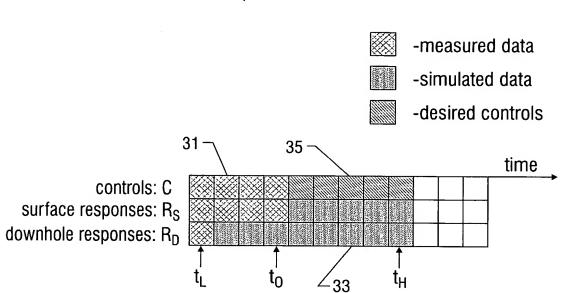


FIG. 3

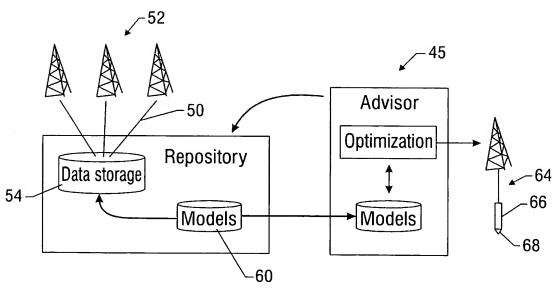
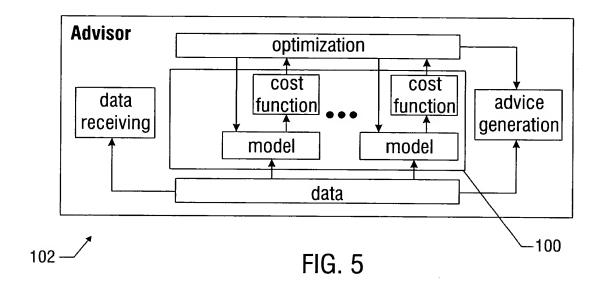
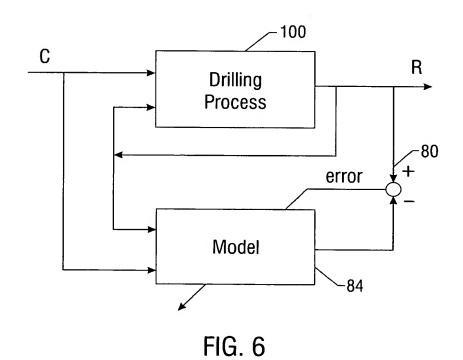


FIG. 4

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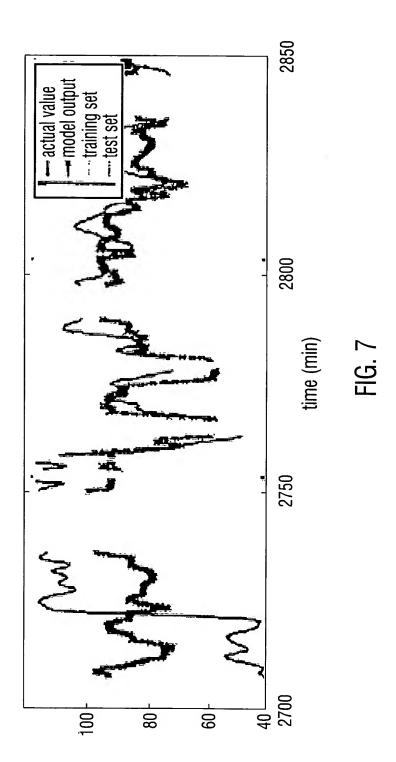
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Inventors: Dmitriy Dashevskiy
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-measured data



-simulated data



-measured data used as future controls

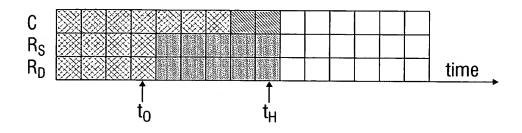


FIG. 8

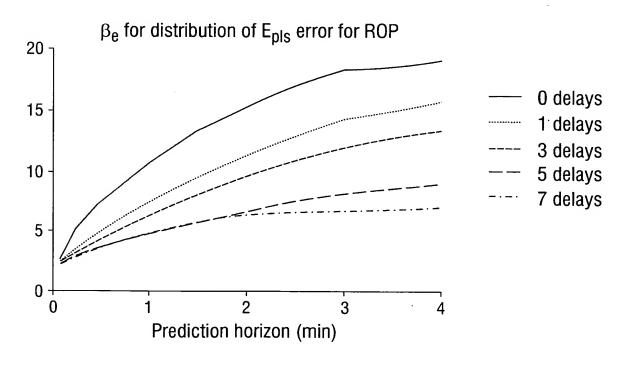


FIG. 9

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 β_{e} for distribution of E_{pls} error for ROP

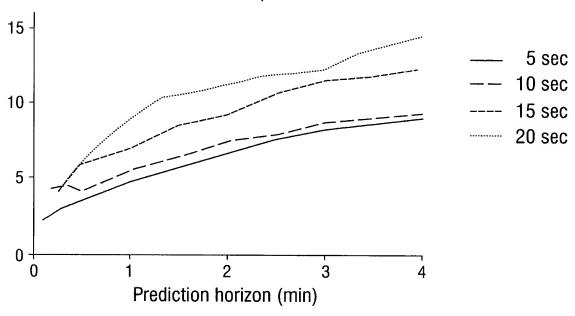
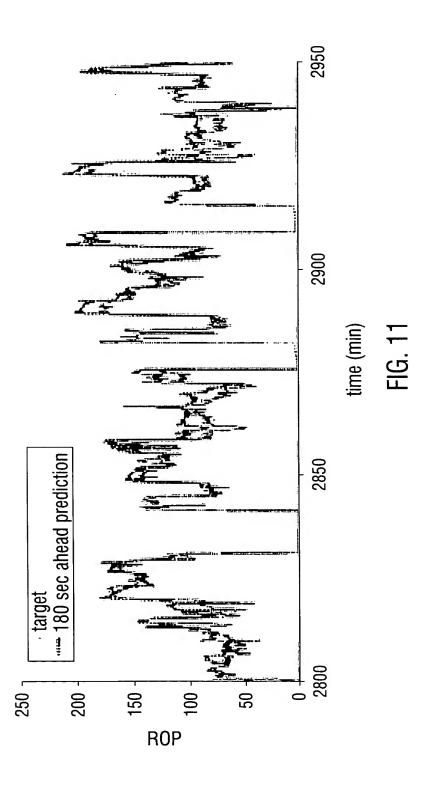


FIG. 10

Drawing 10 of 11
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